

MPD150 High Pressure Multistage Pump

MPD150B/06X/RS/-46-DNC2



The Global Industries MPD150 pump is an extremely powerful yet compact pump with flow capabilities to 597 m³/hr and discharge heads to 410 metres.

Applications:

- Mains Pressure Testing
- Pipeline Pigging
- Open pit Mine Dewatering
- Temporary Fire Fighting

Specifications

Suction connection	200 mm (8" ASME B16.5 Class 150)
Delivery connection	150 mm (6" ASME B16.5 Class 300)
Min capacity	130 m ³ /hr
Max capacity	597 m ³ /hr
Max Solids handling	NA
Impeller Type	Closed
Max Impeller diameter	343 mm
Number of Stages	6
Max operating temperature	80 °C *
Max pressure	40.4 bar
Max suction pressure	6.0 bar
Max casing pressure	44 bar
Normal operating speed	1500 rpm
Max operating speed	1900 rpm

* Please contact our office for applications in excess of 80°C.

Materials

Pump casing & suction cover	Ductile Iron, EN-GJS-400-15
Wear ring	Duplex stainless steel, 1.4462
Pump shaft	Stainless steel, 1.4057
Shaft Sleeve	Stainless steel, 1.4057
Impeller	Austenitic stainless steel, 1.4408
Diffuser	Cast Iron, EN-GJL-150
Mechanical seal faces	Silicon carbide vs Carbon Graphite
Gaskets & O-rings	Fluorine rubber (FKM)

Features and Benefits :

- Extensive application flexibility
- Flywheel mounted PTO clutch disengages pump for starting/ maintenance
- 6" & 4" ASME B16.5 Class 300 discharge flanges
- Cast iron casing with stainless steel impeller and wear ring for superior corrosion resistance
- Integral diesel fuel tank with change over valve for use with an external fuel supply
- Emergency stop buttons and battery isolator
- Spark arresting exhaust silencer and optional Chalwyn auto-shutdown valve available for use in hazardous areas.
- Four point lifting frame suitable for offshore use
- Standard build engines; Doosan PU222Ti, Volvo TAD1643VE. Other engine options are available

Fuel capacity (Full) 600 litres, (Usable) 480 litres

Fuel consumption @ 1800 rpm 106 litres/hour

Weight: (Dry) 8,100 kg, (Wet) 8,700 kg

Dimensions: (L) 4,820 x (W) 2,200 x (H) 2,620 mm

hydraulic
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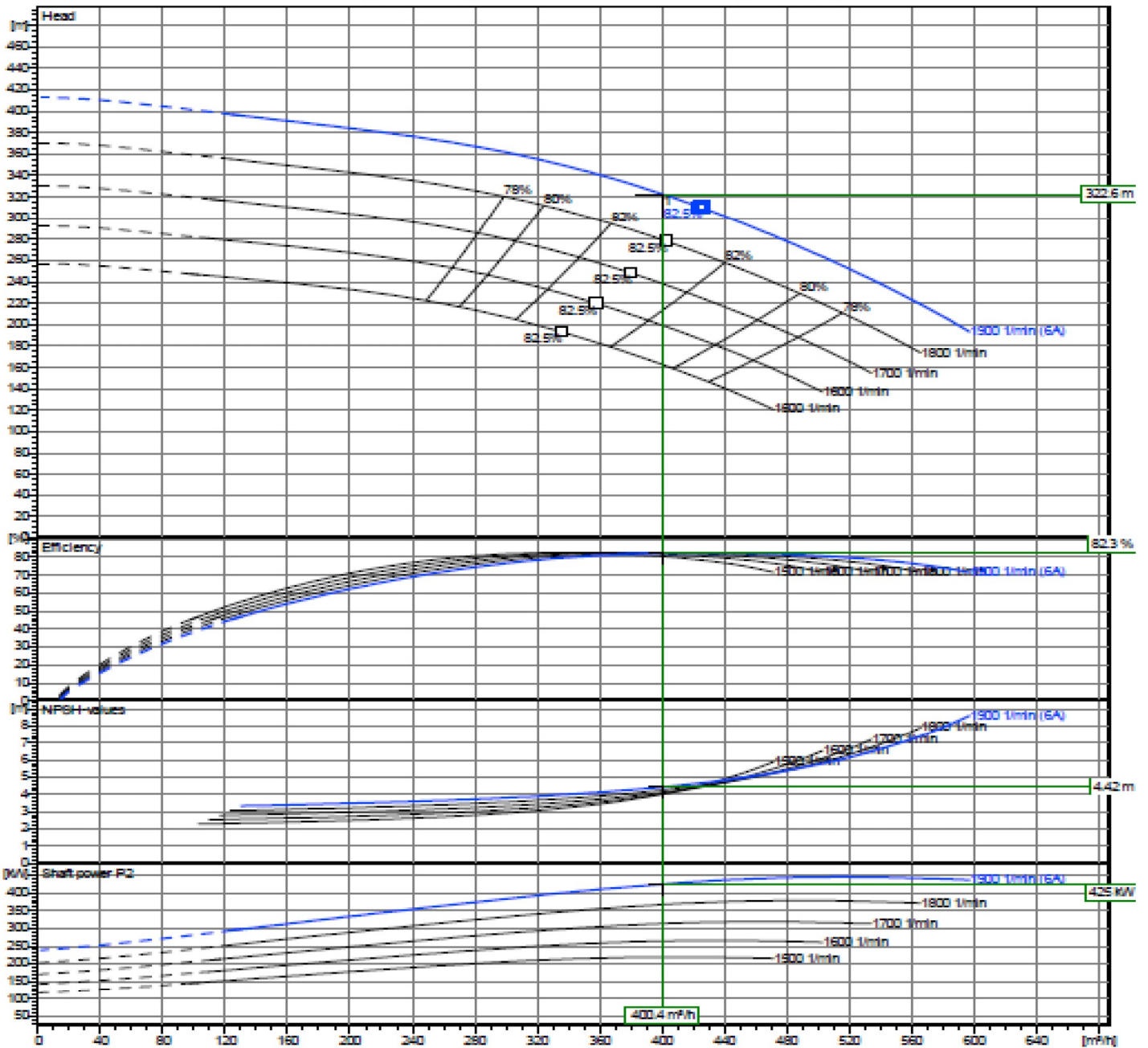
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	Ø mm	Pump capacity Operating range			Pump head		Shaft power P2			Impeller type	
		Min. m³/h	Max. m³/h	Max. m³/h	H(G=0) m	Max. m	P2(G=0) kW	Max. kW	Max. kW	Sense of rotation	Radialrad
actual	343	130	687	425	412	310		446	433	Clockwise from the drive end	
Min.	343	/	/	392	360	283		/	344		
Max.	343	/	/	392	360	283		/	344		

Power data referred to: hydr. Performance acceptance acc. To EN ISO 9908 Class

Water, service water [100%] ; 30°C; 0.996kg/dm³; 0.793mm²/s
Grade 2B
MEI: N.A. - according to Ecodesign Directive 2009/126/EC and Regulation (EU) No.647/2012



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